

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/012445

A. CLASSIFICATION OF SUBJECT MATTER
INV. G05B23/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 017 143 A (ERYUREK ET AL) 25 January 2000 (2000-01-25)	1-3, 17-20, 29, 32
Y	column 1, line 31 - column 8, line 29	4-13, 21-28, 30, 31, 33-56
Y	GB 2 379 749 A (* FISHER-ROSEMOUNT SYSTEMS, INC; FISHER-ROSEMOUNT SYSTEMS, INC) 19 March 2003 (2003-03-19) page 11, line 29 - page 67, line 28	4-13, 21-28, 30, 31, 33-56
X	US 2003/065409 A1 (RAETH PETER G ET AL) 3 April 2003 (2003-04-03) paragraph [0262] - paragraph [0288] ----- -/-	1, 2, 17-20, 29, 32

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

17 August 2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 601 005 B1 (ERYUREK EVREN ET AL) 29 July 2003 (2003-07-29) column 3, line 34 - column 7, line 30	1,9-16, 62-65
X	US 2002/029130 A1 (ERYUREK EVREN ET AL) 7 March 2002 (2002-03-07) paragraph [0055] - paragraph [0065]	57-61

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/012445

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6017143	A	25-01-2000	BR 9702223 A	23-02-1999
			CN 1185841 A	24-06-1998
			DE 69705471 D1	09-08-2001
			DE 69705471 T2	31-10-2001
			EP 0829038 A1	18-03-1998
			JP 2001501754 T	06-02-2001
			WO 9736215 A1	02-10-1997
			US 6397114 B1	28-05-2002
			US 6119047 A	12-09-2000
GB 2379749	A	19-03-2003	CN 1409179 A	09-04-2003
			DE 10223725 A1	03-04-2003
			HK 1052229 A1	28-10-2005
			JP 2004038596 A	05-02-2004
US 2003065409	A1	03-04-2003	NONE	
US 6601005	B1	29-07-2003	NONE	
US 2002029130	A1	07-03-2002	NONE	